

Nom : HONG

Prénom : Dunpin

Thématiques : Spectroscopie optique, Arc, DBD

Laboratoire : GREMI, UMR 7344, CNRS –
Université d'Orléans

Groupe :

Téléphone : 02 38 49 45 27

Mel : dunpin.hong@univ-orleans.fr

<http://www.univ-orleans.fr/gremi/>



Activités de recherche :

Diagnostic optique des arcs transitoires
Etude de la DBD pour le contrôle d'écoulement subsonique

Autres activités :

Professeur à Polytech Orléans

Quelques publications :

J. DEDRICK, R. BOSWELL, H. RABAT, **D. HONG** and C. CHARLES, Control of diffuse and filamentary modes in an RF asymmetric surface barrier discharge in atmospheric-pressure argon, *Plasma Sources Sci. Technol.* 21 (2012) 055016 (7pp)

H. RABAT, **D. HONG**, J.M. BAUCHIRE, G. RIQUEL, High speed imaging and radiative energy measurements of a high-current pulsed arc in air, *IEEE Transactions on Plasma Science*, 2011, 39 (11), pp.2854-2855

J. DEDRICK, R. BOSWELL, P. AUDIER, H. RABAT, **D. HONG** and C. CHARLES, Plasma propagation of a 13.56 MHz asymmetric surface barrier discharge in atmospheric pressure air, *J. Phys. D: Appl. Phys.*, **44** (2011), 205202 (8 pp)

Dong B., Bauchire J.M., Pouvesle J.M., Magnier P. and **Hong D.**, Experimental study of a DBD surface discharge for the active control of subsonic airflow, *J. PHYS. D: APPL. PHYS.*, 41 (2008) 155201 (9 pages)

Ciobanu S.S., **HONG D.** Bauchire J.M. and Gentile F., Experimental study of a low-voltage circuit breaker, by analysis of complex spectra, including the self-reversed profiles of copper resonance lines, *High Temperature Material Processes*, **12** (2008), number 1-2, 91-108

G. Sandolache, S. Rowe, S.-S. Ciobanu and **D. Hong**, Dielectric strength of the metal vapour, *IEEE Proc.*, 2008, ISBN: 978-973-755-382-9, pp51-53

HONG D., SANDOLACHE G., BAUCHIRE J.M., GENTILS F., FLEURIER C., A new optical technique for investigations of low-voltage circuit breakers, *IEEE Transactions on Plasma Science*, 2005, 33 (2), pp. 976-981.